

WASHINGTON MILL SURVEY 2000

Sawmills

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Table 11

Number of Sawmills — by mill size class (See note below)

Economic area of operation	All Classes	Mill size class			
		D	C	B	A
Puget Sound	22	4	1	5	12
Olympic Peninsula	29	4	3	6	16
Lower Columbia	10	0	1	1	8
Central Washington	8	1	1	0	6
Inland Empire	8	1	2	0	5
State total	77	10	8	12	47

Table 12

Sawmills capacity — by 8-hour single shift and mill size class (See note below)

(thousand board feet, lumber tally)

Economic area of operation	Total Capacity	Mill size class			
		D	C	B	A
Puget Sound	3,962	53	75	494	3,340
Olympic Peninsula	4,982	38	160	570	4,214
Lower Columbia	2,655	0	75	100	2,480
Central Washington	1,213	30	79	0	1,104
Inland Empire	964	1	115	0	848
State Total	13,776	122	504	1,164	11,986

Mill size classes are determined by the capacity to process lumber
(measured in thousand board feet, Scribner rule) during an 8-hour shift.

Class A: More than 120,000 mbf

Class B: 80,000-120,000 mbf

Class C: 40,000-80,000 mbf

Class D: less than 40,000 mbf

Table 13

Number of Sawmills — by selected equipment

Economic area of operation	Barker	Chipper	Planer	Burner	Kiln
Puget Sound	19	19	20	1	15
Olympic Peninsula	26	25	22	1	17
Lower Columbia	10	8	8	0	7
Central Washington	8	7	8	3	8
Inland Empire	7	7	7	2	7
State total	70	66	65	7	54

Table 14

Sawmills average operating days

Economic area of operation	Annual average operating days
Puget Sound	222
Olympic Peninsula	230
Lower Columbia	235
Central Washington	199
Inland Empire	240
State average	226

Table 15

Number of Sawmills — by size and headrig type

Economic area and mill-size class	Circular Saw				Bandsaw			Gang Saw	Chipping Saw	Scrapp
	2ft	4ft	6ft	8ft	2ft	4ft	6ft	2ft	2ft	2ft
Puget Sound										
D	0	2	0	0	0	2	0	0	0	0
C	0	0	0	0	1	0	0	1	0	0
B	0	0	0	0	0	4	1	0	1	0
A	0	0	0	0	4	4	4	3	2	1
Total	0	2	0	0	5	10	5	4	3	1
Olympic Peninsula										
D	0	2	0	0	0	2	0	0	0	0
C	0	0	0	1	1	1	1	0	0	0
B	0	0	0	0	2	2	0	1	2	1
A	1	1	0	0	3	7	2	2	6	3
Total	1	3	0	1	6	12	3	3	8	4
Lower Columbia										
C	0	0	0	0	0	0	1	0	0	0
B	0	0	0	0	0	1	0	1	0	0
A	0	0	0	0	1	5	2	0	2	0
Total	0	0	0	0	1	6	3	1	2	0
Central Washington										
D	0	0	0	0	0	0	0	0	0	1
C	0	0	0	0	0	1	0	0	1	0
A	0	0	1	0	1	1	2	1	4	0
Total	0	0	1	0	1	2	2	1	5	1
Inland Empire										
D	1	0	0	0	0	0	0	0	0	0
C	0	0	0	0	0	2	0	0	0	0
A	0	0	0	0	1	3	0	0	3	0
Total	1	0	0	0	1	5	0	0	3	0
State total										
D	1	4	0	0	0	4	0	0	0	1
C	0	0	0	1	2	4	2	1	1	0
B	0	0	0	0	2	7	1	2	3	1
A	1	1	1	0	10	20	10	6	17	4
Total	2	5	1	1	14	35	13	9	21	6

Mill size classes indicate the capacity to process lumber (in thousand board feet, Scribner rule) during an 8-hour shift.

Class A: More than 120 mbf

Class B: 80-120 mbf

Class C: 40-80 mbf

Class D: less than 40 mbf

Table 16

Logs consumed by Sawmills — by log type (thousand board feet, Scribner rule, except Other)

Economic area of operation	Roundwood			Other	
	All roundwood	Sound logs	Utility logs	Peeler cores	Other
				Lumber Tally	
Puget Sound	726,068	711,162	14,906	0	0
Olympic Peninsula	882,123	858,547	23,576	400	0
Lower Columbia	402,710	394,533	8,177	0	0
Central Washington	214,548	202,343	12,205	0	0
Inland Empire	277,952	243,516	34,436	0	0
State total	2,503,401	2,410,101	93,300	400	0

Sound logs: logs of sufficient quality for lumber

Utility logs: low quality logs (burned, rotten, etc.) not usually suitable for lumber

Peeler cores: the small-diameter log remains from a veneer or plywood mill

Table 17

Logs consumed by Sawmills — by diameter (in inches)

(thousand board feet, Scribner rule)

Economic area of operation	Total	Inches			
		less than 5	5 to 10	10 to 20	21 or more
Puget Sound	726,067	27,039	380,196	249,739	69,094
Olympic Peninsula	882,123	46,264	373,294	388,077	74,488
Lower Columbia	402,710	18,032	163,797	183,479	37,402
Central Washington	214,548	5,486	119,533	73,641	15,888
Inland Empire	277,952	37,829	141,971	79,610	18,542
State total	2,503,400	134,650	1,178,791	974,545	215,413

Table 18

Logs consumed by Sawmills — by original owners (thousand board feet, Scribner rule)

Economic area of operation	All Owners	State	National Forest	Bureau of Land Management	Other Public
Puget Sound	726,067	155,498	5,400	2,850	9,243
Olympic Peninsula	882,123	107,433	2,155	162	5,769
Lower Columbia	402,710	41,736	1,433	0	6,943
Central Washington	214,548	11,116	16,739	0	400
Inland Empire	277,952	23,898	11,916	3,364	2,440
State total	2,503,400	339,682	37,643	6,376	24,794

Economic area of operation	— Forest Industry —		Native American	Farmer and miscellaneous private
	Own Supply	Other Supply		
Puget Sound	87,543	248,296	10,320	206,917
Olympic Peninsula	243,581	402,332	42,983	77,709
Lower Columbia	112,007	147,274	24,490	68,827
Central Washington	32,464	24,332	103,993	25,504
Inland Empire	29,384	49,190	27,466	130,294
State total	504,978	871,425	209,252	509,251

Table 19

Number of Sawmills — by percentage of logs supplied from various sources

(degree of dependency)

Economic area of operation	National Forest				State				Bureau of Land Mgmt.			
	0%	1-33%	34-66%	67-100%	0%	1-33%	34-66%	67-100%	0%	1-33%	34-66%	67-100%
Puget Sound	19	3	0	0	6	12	3	1	21	1	0	0
Olympic Peninsula	25	4	0	0	5	20	2	2	28	1	0	0
Lower Columbia	9	1	0	0	3	6	1	0	10	0	0	0
Central Washington	3	4	1	0	3	5	0	0	8	0	0	0
Inland Empire	3	5	0	0	2	6	0	0	7	1	0	0
State total	59	17	1	0	19	49	6	3	74	3	0	0

Economic area of operation	Other Public				Forest Industry							
	0%	1-33%	34-66%	67-100	Own Wood Supply				Other Wood Supply			
	0%	1-33%	34-66%	67-100	0%	1-33%	34-66%	67-100	0%	1-33%	34-66%	67-100%
Puget Sound	17	5	0	0	19	1	0	2	6	6	7	3
Olympic Peninsula	23	6	0	0	19	5	4	1	5	7	12	5
Lower Columbia	7	3	0	0	7	1	1	1	1	3	3	3
Central Washington	7	1	0	0	5	2	1	0	4	3	1	0
Inland Empire	7	1	0	0	3	5	0	0	2	5	1	0
State total	61	16	0	0	53	14	6	4	18	24	24	11

Economic area of operation	Native American				Farmer and miscellaneous private			
	0%	1-33%	34-66%	67-100%	0%	1-33%	34-66%	67-100%
Puget Sound	18	4	0	0	2	11	2	7
Olympic Peninsula	15	13	1	0	7	14	5	3
Lower Columbia	7	2	1	0	1	7	2	0
Central Washington	2	3	1	2	1	4	2	1
Inland Empire	1	6	0	1	1	2	3	2
State total	43	28	3	3	12	38	14	13

Table 20

Logs consumed by Sawmills — by species (thousand board feet, Scribner rule)

Economic area of operation	All species	Douglas-fir	Hemlock	True firs	Spruce	Ponderosa pine
Puget Sound	726,067	289,283	261,117	1,934	8,410	0
Olympic Peninsula	882,123	267,467	404,708	9,900	10,838	0
Lower Columbia	402,710	211,344	23,336	30,432	0	905
Central Washington	214,548	49,392	20,800	24,614	2,134	105,436
Inland Empire	277,952	72,373	13,591	19,664	3,763	122,452
State total	2,503,400	889,859	723,552	86,544	25,144	228,793

Economic area of operation	Lodgepole pine	Western redcedar	Other softwoods	Red alder	Other hardwoods
Puget Sound	0	60,131	0	100,585	4,607
Olympic Peninsula	8,000	70,800	0	102,960	7,450
Lower Columbia	1,129	65,000	564	67,200	2,800
Central Washington	11,532	0	640	0	0
Inland Empire	27,679	17,710	720	0	0
State total	48,340	213,641	1,924	270,745	14,857

Table 21

Wood and bark residues from Sawmills — production and use (dry weight tons)

Economic area of operation	Total	Used					Unused
		Total used	Pulp	Board	Fuel	Other	
All Types							
Puget Sound	1,303,544	1,303,544	659,743	21,884	377,205	244,712	0
Olympic Peninsula	1,659,176	1,659,176	1,034,834	87,553	403,189	133,596	0
Lower Columbia	670,344	670,344	495,544	59,270	78,596	36,932	0
Central Washington	306,047	301,975	171,548	27,378	44,269	58,780	4,072
Inland Empire	404,777	404,777	240,523	95,363	68,510	380	0
State Total	4,343,888	4,339,816	2,602,192	291,448	971,769	474,400	4,072
Coarse							
Puget Sound	719,500	719,500	559,872	0	143,437	16,191	0
Olympic Peninsula	924,816	924,816	833,694	0	90,790	332	0
Lower Columbia	381,429	381,429	338,513	0	42,916	0	0
Central Washington	168,183	168,183	119,567	0	9,486	39,130	0
Inland Empire	222,453	222,453	180,228	0	42,159	66	0
State total	2,416,381	2,416,381	2,031,874	0	328,788	55,719	0
Fine							
Puget Sound	292,976	292,976	55,728	0	114,519	122,729	0
Olympic Peninsula	376,855	376,855	191,960	18,468	144,090	22,337	0
Lower Columbia	155,267	155,267	107,768	8,050	22,480	16,969	0
Central Washington	68,932	65,554	18,305	0	31,705	15,544	3,378
Inland Empire	91,175	91,175	28,779	46,602	15,767	27	0
State total	985,205	981,827	402,540	73,120	328,561	177,606	3,378
Medium							
Puget Sound	291,068	291,068	44,143	21,884	119,249	105,792	0
Olympic Peninsula	357,501	357,501	9,180	69,085	168,309	110,927	0
Lower Columbia	133,646	133,646	49,263	51,220	13,200	19,963	0
Central Washington	68,932	68,238	33,676	27,378	3,078	4,106	694
Inland Empire	91,148	91,148	31,516	48,761	10,584	287	0
State total	942,295	941,601	167,778	218,328	314,420	241,075	694

Table 22

Log consumed by Sawmills — by level of manufacture (thousand board feet, Lumber tally)

Economic area of operation	Total	Moisture			Surface	
		Green	Kiln-dried	Air-dried	Rough	Surfaced
Puget Sound	1,348,536	611,321	735,215	2,000	152,036	1,196,500
Olympic Peninsula	1,735,748	581,395	1,147,138	7,215	165,485	1,570,263
Lower Columbia	714,493	363,116	351,377	0	139,507	574,986
Central Washington	319,133	12,886	290,821	15,425	4,149	314,984
Inland Empire	422,110	98,923	320,687	2,500	16,425	405,685
State total	4,540,020	1,667,641	2,845,239	27,140	477,603	4,062,417

Table 23

Logs consumed by Sawmills — by headrig (thousand board feet, Scribner rule)

Economic area of operation	All types	Circular saw			Chipping saw	Scragg double cut saw
		Band saw	Gang saw			
Puget Sound	1,348,536	343	935,176	231,723	150,900	30,395
Olympic Peninsula	1,735,748	185,700	916,019	98,191	389,778	146,060
Lower Columbia	714,493	0	619,993	17,500	77,000	0
Central Washington	319,133	71,163	132,444	14,400	100,326	800
Inland Empire	422,110	125	267,685	0	154,300	0
State total	4,540,020	257,331	2,871,317	361,814	872,304	177,255

Table 24

Logs consumed by Sawmills — by hardwood and softwood lumber production

(thousand board feet, Lumber tally)

Economic area of operation	Total	Softwoods	Hardwood
Central Washington	319,133	319,133	0
Inland Empire	422,110	422,110	0
Lower Columbia	714,493	647,493	67,000
Olympic Peninsula	1,735,748	1,597,698	138,050
Puget Sound	1,348,536	1,227,697	120,839
State total	4,540,020	4,214,131	325,889